

Abstract

A method for managing interactions between at least one peripheral command device and at least one multimedia application exploiting the standard MPEG-4, the peripheral command device delivering digital signals as a function of actions of one or more users including constructing a digital sequence having the form of a BIFS node, the node including at least one field defining a type and number of interaction data to be applied to objects of a scene. Computer equipment including a calculator for executing a multimedia application exploiting the standard MPEG-4, at least one peripheral device representing a multimedia scene, at least one peripheral device commanding the application, an interface circuit including an input circuit receiving signals from a command means and an output circuit delivering a BIFS sequence, and means for constructing an output sequence as a function of signals provided by the peripheral input device.